

Solid Waste Stabilization and Disposition (RL-0013)/Operate Waste Disposal Facility (RL-0080)/Disposition SNF (RL-0012 and HQ-0012X)

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218-W-4B Trench 7 Boxes

Overview

This section addresses Project Baseline Summary (PBS) RL-0013, *Solid Waste Stabilization and Disposition; Operate Waste Disposal Facility*; and HQ-0012X, *SNF Stabilization and Disposition Storage Operations*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of December 2006.

Notable Accomplishments

- Four shipments (43 m³) to the Waste Isolation Pilot Plant (WIPP) were completed in December 2006.
 - A backlog of 529 m³ of certified waste was available for shipment at the end of December 2006.
- A total of 45 m³ of suspect TRU waste was retrieved during December 2006.
 - Initiated vapor extraction in 218-W-4B, Trench 7.
 - Completed Weather Enclosure installation in 218-E-12B.
- Dispositioned 19 m³ of Mixed Low-Level Waste (MLLW) during December.
 - Production volumes are lower than planned due to weather impacts and recovery efforts at PEcoS from the Am-241 incident.
- Completed a revision to the M-91 Project Management Plan (PMP) in December, meeting Tri-Party Agreement commitment M-091-03D, "Submit Revision of TRUM and MLLW PMP to Ecology."

FY 2007 Funds vs. Spend Forecast (\$M)

		Projected FY 2007 Funding	FY 2007 Fiscal Year Spend Forecast	Variance
RL-0013	Solid Waste Stabilization & Disposition	\$ 152.3	\$ 154.9	\$ -2.5
RL-0013B	TRU Retrieval	\$ 38.9	\$ 38.9	\$ 0.0
RL-0080	Operate Waste Disposal Facility	\$ 3.6	\$ 3.3	\$ 0.2
RL-0012	SNF Stabilization & Disposition	\$ 2.1	\$ 2.0	\$ 0.1
HQ-0012X	SNF Stabilization & Disposition	\$ 0.1	\$ 0.1	\$ 0.0
TOTAL		\$ 197.0	\$ 199.2	\$ -2.2

FY 2007 Schedule/Cost Performance (\$M)

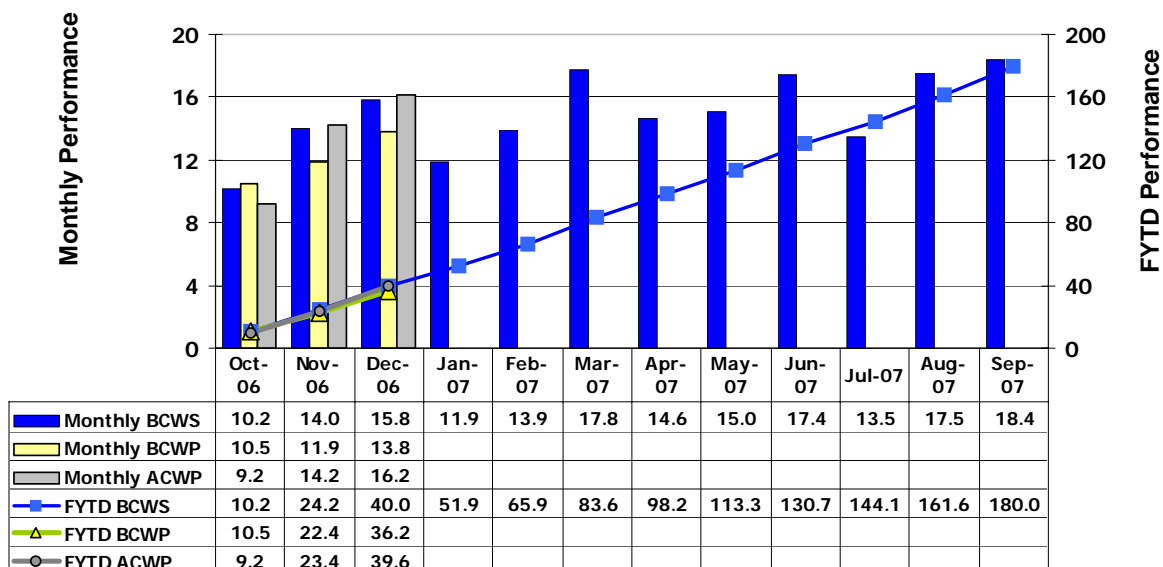
		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-0013	Solid Waste Stabilization & Disposition	\$31.3	\$32.7	\$31.4	\$0.1	0.3%	\$1.0	2.6%	\$138.8
RL-0013B	TRU Retrieval	\$7.7	\$2.6	\$7.6	-\$5.1	-66.0%	-\$5.0	-188.8%	\$36.1
RL-0080	Operate Waste Disposal Facility	\$0.6	\$0.5	\$0.4	\$0.0	-8.6%	\$0.1	15.3%	\$3.1
RL-0012	Nuclear Facility D&D, Remainder of Hanford	\$0.5	\$0.3	\$0.2	-\$0.2	-39.6%	\$0.1	29.9%	\$2.1
HQ-0012X	SNF Stabilization and Disposition	\$0.0	\$0.1	\$0.1	\$0.1	0.0%	\$0.0	0.0%	\$0.0
Total		\$40.0	\$36.2	\$39.6	-\$3.8	-9.5%	-\$3.4	-9.4%	\$180.0

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

Schedule Performance (-\$3.8M/-9.5%): Retrieval in burial ground 218-W-4B was delayed as resources were diverted to large box retrieval in 218-W-4C, and due to elevated levels of carbon tetrachloride in Trench 7.

Cost Performance (-\$3.4M/-9.4%): Retrieval in burial ground 218-W-4B has been delayed as resources were diverted to large box retrieval in 218-W-4C, and due to elevated levels of carbon tetrachloride in Trench 7.

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comment
M-091-03D	Submit Revision of TRUM and MLLW PMP to Ecology	TPA	12/28/06		12/28/06	On Schedule
M-91-40D (WMG-07-002)	Retrieve a cumulative 4,700 m ³	TPA	12/31/06	11/30/06		Complete
M-91-40R (WMG-07-003)	Complete Retrieval of Trench 4, Burial Ground 218-W-4C	TPA	12/31/06	11/21/06		Complete
M-91-42C (WMG-07-004)	Treat a cumulative 4,890 m ³ of Waste to LDR Requirements	TPA	12/31/06	8/29/06		Complete
M-91-42I	Certify 3,000 m ³ of TRU Waste	TPA	12/31/06			In Dispute
M-092-05	Include Cs/Sr Treatment and/or Repackaging Parameters in DOE RFP	TPA	06/30/07		06/30/07	On Schedule
M-26-01P	Submit Annual LDR Report	TPA	4/30/07		4/30/07	On Schedule
M-91-45D	Submit Report on Completed and Scheduled work on RH Boxes and LC RH/CH Waste	TPA	9/30/07		9/30/07	On Schedule
M-91-12	Complete thermal treatment of a cumulative 600 m ³ of CH-MLLW	TPA	11/16/07		11/16/07	On Schedule